AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1.-9. (canceled)

10. (currently amended) A method of producing a laminate type dielectric device formed by alternately laminating dielectric ceramic layers and electrode layers, comprising at least:

a first step of forming ~~a~~ at least one of a plurality of green sheets by shaping a ceramic material into a sheet form;

a second step of applying an electrode paste material to ~~at least one of the~~ both surfaces of said at least one of a plurality of green sheets;

a third step of laminating ~~said~~ green sheets applied with said electrode paste material, and bonding them together;

a fourth step of degreasing a laminate product so bonded; and

a fifth step of integrally baking the materials in said electrode layer and the materials in said dielectric ceramic layer within the same process step;

wherein ~~a~~ the laminate product ~~containing~~contains, in said electrode layer as its principal component, an electrically conductive base metal material having a greater standard Gibbs free energy, for the formation of a metal oxide at a baking temperature, than that of said ceramic material, and further ~~containing~~contains, at least in said electrode layer, either one of a melting point raising material for raising

the melting point of an oxide of said electrically conductive base metal material formed in said fifth step or a compound between said oxide and said ceramic material and a melting point raising material for raising the melting point of said oxide of said electrically conductive base metal material and a material mixed in said ceramic material, and is prepared immediately before said fifth step~~.~~; and

wherein the electrode paste material is a designated electrode paste material which is applied to both surfaces of said at least one of a plurality of green sheets, and green sheets applied with said electrode paste material are laminated while sandwiching electrically conductive powder or thin film, and are integrally baked.

11. (currently amended) A method of producing a laminate type dielectric device formed by alternately laminating dielectric ceramic layers and electrode layers, comprising at least:

a first step of forming ~~a~~ at least one of a plurality of green sheets by shaping a ceramic material into a sheet form;

a second step of applying an electrode paste material to ~~at least one of the~~ both surfaces of said at least one of a plurality of green sheets;

a third step of laminating ~~said~~ green sheets applied with the electrode paste material, and bonding them together;

a fourth step of degreasing a laminate product so bonded; and

a fifth step of integrally baking the materials in said electrode layer and the materials in said dielectric ceramic layer within the same process step;

wherein ~~a~~ the laminate product ~~containing~~contains, in the electrode layer as its principal component, an electrically conductive base metal material having a greater standard Gibbs free energy, for the formation of a metal oxide at a baking temperature, than that of the ceramic material, and further ~~containing~~contains, at least in the electrode layer, either one of a melting point raising material for raising the melting point of an oxide of said electrically conductive base metal material formed in said fifth step or a compound between the oxide and the ceramic material, and a melting point raising material for raising the melting point of the oxide of said electrically conductive base metal material and a material mixed in the ceramic material, and a diffusion restrictive material for restricting diffusion of the oxide of said electrically conductive base metal material into said at least one of a plurality of green sheets as the component elements of said diffusion restrictive material diffuse by themselves into said at least one of a plurality of green sheets in the fifth step, and is prepared immediately before said fifth step~~.~~; and

wherein the electrode paste material is a designated electrode paste material which is applied to both surfaces of said at least one of a plurality of green sheets, and green sheets applied with said electrode paste material are laminated while sandwiching electrically conductive powder or thin film, and are integrally baked.

12. (currently amended) A method of producing a laminate type dielectric device formed by alternately laminating dielectric ceramic layers and electrode layers, comprising ~~the steps of~~:

forming ~~a~~ at least one of a plurality of green sheets by shaping a ceramic material into a sheet form;

applying an electrode paste material to ~~at least one of the~~ both surfaces of said at least one of a plurality of green sheets, said electrode paste material containing as its principal component an oxide of an electrically conductive base metal material having a greater standard Gibbs free energy, for the formation of a metal oxide at a baking temperature, than that of said ceramic material, and further containing a melting restrictive material for restricting an oxide of said electrically conductive base metal material formed during integral baking from fusing to said at least one of a plurality of green sheets;

laminating ~~said~~ green sheets applied with said electrode paste material; and

integrally baking the resulting laminate~~.~~;

wherein the electrode paste material is a designated electrode paste material which is applied to both surfaces of said at least one of a plurality of green sheets, and green sheets applied with said electrode paste material are laminated while sandwiching electrically conductive powder or thin film, and are integrally baked.

13. (currently amended) A method of producing a laminate type dielectric device formed by alternately laminating dielectric ceramic layers and electrode layers, comprising ~~the steps of~~:

forming ~~a~~ at least one of a plurality of green sheets by shaping a ceramic material into a sheet form;

applying an electrode paste material to at least one of the surfaces of said at least one of a plurality of green sheets, said electrode paste material containing as its principal component an oxide of an electrically conductive base metal material having a greater standard Gibbs free energy, for the formation of a metal oxide at a baking temperature, than that of said ceramic material, and further containing either one of a melting point raising material for raising the melting point an oxide of said electrically conductive base material formed during integral baking or a compound between said oxide and said ceramic material, and a melting point raising material for raising the melting points of the oxide of said electrically conductive base metal material and materials mixed in said ceramic material;

laminating ~~said~~ green sheets applied with said electrode paste material; and

integrally baking the resulting laminate~~.~~;

wherein the electrode paste material is a designated electrode paste material which is applied to both surfaces of said at least one of a plurality of green sheets, and green sheets applied with said electrode paste material are laminated while sandwiching electrically conductive powder or thin film, and are integrally baked.

14. (currently amended) A method of producing a laminate type dielectric device formed by alternately laminating dielectric ceramic layers and electrode layers, comprising ~~the steps of~~:

forming ~~a~~ at least one of a plurality of green sheets by shaping a ceramic material into a sheet form;

applying an electrode paste material to ~~at least one of the~~ both surfaces of said at least one of a plurality of green sheets, said electrode paste material containing as its principal component an oxide of an electrically conductive base metal material having a greater standard Gibbs free energy, for the formation of a metal oxide at a baking temperature, than that of said ceramic material, and further containing at least a melting point raising material for raising the melting point of an oxide of said electrically conductive base metal material formed during integral baking or the melting point of a compound between said oxide and said ceramic material, or the melting point of said oxide of said electrically conductive base metal material and materials mixed in said ceramic material, and a diffusion restrictive material for restricting diffusion of said oxide of said electrically conductive base metal material into said at least one of a plurality of green sheets as the component elements of said diffusion restrictive material diffuse by themselves into said at least one of a plurality of green sheets during integral baking;

laminating ~~said~~ green sheets applied with said electrode paste material; and

integrally baking the resulting laminate~~.~~;

wherein the electrode paste material is a designated electrode paste material which is applied to both surfaces of said at least one of a plurality of green sheets, and green sheets applied with said electrode paste material are laminated while sandwiching electrically conductive powder or thin film, and are integrally baked.

15. (currently amended) A method of producing a laminate type dielectric device according to claim ~~9~~30, wherein said electrically conductive base metal material is any one of Cu, Ni, a mixture of Cu and Ni and their alloys.

16. (currently amended) A method of producing a laminate type dielectric device according to claim ~~9~~30, wherein said dielectric ceramic layer comprises PZT as an oxide mainly having a $Pb(Zr, Ti)O_3$ type perovskite structure.

17. (original) A method of producing a laminate type dielectric device according to claim 16, wherein said electrically conductive base metal material is Cu, a mixture of Cu and Ni or their alloys.

18. (currently amended) A method of producing a laminate type dielectric device according to claim ~~9~~30, wherein said melting restrictive material is a Ca compound.

19. (original) A method of producing a laminate type dielectric device according to claim 18, wherein said Ca compound is $CaCO_3$ or CaO.

20. (original) A method of producing a laminate type dielectric device according to claim 19, wherein, when the amount of said electrode layer exclusive of

said $CaCO_3$ or CaO is 100 wt %, said $CaCO_3$ or CaO is contained within a range of an amount exceeding 1 wt % to 15 wt % calculated as CaO.

21. (original) A method of producing a laminate type dielectric device according to claim 10, wherein said melting point raising material is either a material which exhibits a change of a melting point of a complete solid solution system when it is reacted with a reaction material comprising a compound between said ceramic material and an oxide of said electrically conductive material, or with a reaction material between the oxide of said electrically conductive base metal material and a material mixed in said ceramic material, or with a reaction material comprising an oxide of said electrically conductive base metal material, and which has a higher melting point than that of said reaction materials, or a material which exhibits a change of an eutectic type melting point when it is reacted with any one of said reaction materials, in which the eutectic point with said reaction product exists within a range of an amount exceeding 0 wt % to 5 wt % calculated as the amount of the oxide of the component element of said reaction material, and which has a higher melting point than that of said reaction material.

22. (original) A method of producing a laminate type dielectric device according to claim 10, wherein said melting point raising material is a material which exhibits a change of a melting point of a complete solid solution system when it is reacted with a reaction material comprising a mixture between said ceramic material

and an oxide of said electrically conductive material at a temperature not higher than 680° C, or with a reaction material between the oxide of said electrically conductive base metal material and a material mixed in said ceramic material, or with a reaction material comprising an oxide of said electrically conductive base metal material, and which has a melting point higher than that of said reaction materials, or a material which exhibits a change of an eutectic type melting point when it is reacted with any one of said reaction materials, in which the eutectic point with said reaction material exists within a range of an amount exceeding 0 wt % to 5 wt % calculated as the amount of the oxide of the component element of said reaction material, and which changes to, or generates, any of materials having a melting point higher than that of said reaction materials.

23. (original) A method of producing a laminate type dielectric device according to claim 10, wherein said melting point raising material is a Mg compound or Sr compound.

24. (original) A method of producing a laminate type dielectric device according to claim 23, wherein said Mg compound is MgO and said Sr compound is $SrCO_3$.

25. (original) A method of producing a laminate type dielectric device according to claim 23, wherein, when the amount of said electrode layer exclusive of

said MgO or said electrode layer exclusive of said MgO and said diffusion restrictive material is 100 wt %, said MgO is contained in an amount within the range of 0.2 to 20 wt %.

26. (original) A method of producing a laminate type dielectric device according to claim 24, wherein, when the amount of said electrode layer exclusive of said $SrCO_3$ or said electrode layer exclusive of said $SrCO_3$ and said diffusion restrictive material is 100 wt %, said $SrCO_3$ is contained in an amount within the range of 10 to 15 wt % calculated as SrO.

27. (original) A method of producing a laminate type dielectric device according to claim 11, wherein said diffusion restrictive material is a Ca compound.

28. (original) A method of producing a laminate type dielectric device according to claim 27, wherein said Ca compound is $CaCO_3$ or CaO.

29. (original) A method of producing a laminate type dielectric device according to claim 28, wherein, when the amount of said electrode layer exclusive of said $CaCO_3$ or CaO and said melting point raising material is 100 wt %, said $CaCO_3$ or CaO is contained within a range of an amount exceeding 1 wt % to 15 wt % calculated as CaO.

30. (currently amended) ~~A method of producing a laminate type dielectric device according to claim 9, wherein~~ A method of producing a laminate type dielectric device formed by alternately laminating dielectric ceramic layers and electrode layers, comprising at least:

a first step of forming at least one of a plurality of green sheets by shaping a ceramic material into a sheet form;

a second step of applying an electrode paste material to both surfaces of said at least one of a plurality of green sheets;

a third step of laminating green sheets applied with said electrode paste material, and bonding them together;

a fourth step of degreasing a laminate product so bonded; and

a fifth step of integrally baking the materials in said electrode layer and the materials in said dielectric ceramic layer within the same process step;

wherein the laminate product contains, in said electrode layer as its principal component, an electrically conductive base metal material having greater standard Gibbs free energy for the formation of a metal oxide at a baking temperature than that of said ceramic material, and further contains, at least in said electrode layer, a melting restrictive material for restricting melting of an oxide of said electrically conductive base metal material existing, or formed, in said fifth step, and is prepared immediately before said fifth step; and

the electrode paste material is a designated electrode paste material which is applied to both surfaces of said at least one of a plurality of green sheets, and ~~said~~

green sheets applied with said electrode paste material are laminated while sandwiching electrically conductive powder or thin film, and are integrally baked.

31.-57.(canceled)

58. (currently amended) A method of producing a laminate type dielectric device according to claim 9<u>30</u>, wherein said electrode paste material contains a cooperative material consisting of at least one kind of the principal components constituting said dielectric ceramic layer.

59. (original) A method of producing a laminate type dielectric device according to claim 58, wherein said electrode paste material contains a cooperative material consisting of substantially the same material as the material constituting said dielectric ceramic layer.

60. (original) A method of producing a laminate type dielectric device according to claim 58, wherein the content of said cooperative material is less than 25 wt %.

61. (original) A method of producing a laminate type dielectric device according to claim 58, wherein the content of said cooperative material is not greater than 15 wt %.